AUTHOR INDEX FOR 1998

Arnold H.J.P.	Comments on "A Question of Viewpoint"	222
Bauer H.F.	The First American Satellite: A Missed Success - Explorer 1	61
Blott R.	Small Satellites	70
Bolton G.R. & Riesselmann W.	Spacelab Era Ends	311
Both E.	Hungary Joins ESA PRODEX Programme	186
Both E.	Space Day in Hungary	16
Burgess C.	Antipodean Astronauts	100
Catchpole J.	"America's New Columbus"	383
Catchpole J.	Apollo VII A Mission Re-Assessed	416
Catchpole J.	Apollo VIII "A Vastness of Black and White"	484
Catchpole J.	A Question of Viewpoint	221
Catchpole J.	Eleven Years in May	173
Catchpole J.	Operation Hydra	356
Catchpole J.	Robert Baker-Byrne: The Heroic Lieutenant	483
Catchpole J.	Speak Her Name With Pride	119
Da Costa N.	Andrew M. Allen Leaves NASA	52
Da Costa N.	Britain's Forgotten Astronaut	159
Da Costa N.	John Blaha at Boscombe Down	159
Da Costa N.	"Sam" Charles Gemar	160
Day D.A.	"Falling Star"	442
Day D.A.	Mapping the Dark Side of the World	264,303
Day D.A.	NASA Loses an 'Institution'	72
Day D.A.	Secret Shuttle Mission Revealed	256
Dugdale J.	Lunar EVA on Stamps	430
Esders J.P.	History Centre of War and Rockets	58
Evans N.	Cassini Launch	39
French F.	Yuri Gagarin's Visit to Manchester	261
Furniss T.	Farnborough Air Show	439
Furniss T.	Space News Round-Up	455
Goodwin P.G.	"Between Ice and Fire"	427
Goodwin P.G.	Space Art	251
Goodwin P.G.	The Myths of Mars	372
Gualtieri P.	ACE is Off to Study the Sun	15
Gualtieri P.	Globalstar Cluster Launched	200,291
Gualtieri P.	Last Shuttle Mission of 1997	51
Gualtieri P.	Legendary Titov	14
Gualtieri P.	Mir/Progress Collision Report	15
Gualtieri P.	'...Of Mice and Men'	319
Gualtieri P.	Secret Payload Launched	200
Gualtieri P.	Seen at the Cape	407
Gualtieri P.	Space and Politics	165
Gualtieri P.	STS-89: Booster Recovery	216
Gualtieri P.	STS-89: Endeavour's Mir Mission	148
Gualtieri P.	STS-90:"...Of Mice and Men"	319
Gualtieri P.	STS-91: Final Shuttle Mission to Mir	241
Guillemette R.G.	NASA's Lewis Tumbles Following Successful LMLV Launch	201
Guillemette R.G.	USAF Commemorates 40th Anniversary of Explorer 1 Launch	230
Haeseler D.	Almaz Space Station	258
Hall R.	The BIS Soviet/CIS Symposium 1998	283
Hansson A.	From Microsystems to Nanotechnology for Space Systems	281
Harris I.	JPL: Open Day 1998	390
Hartopp-Sancho R.	ISS: Hardware on Show at the KSC's New Space Station Processing Facility	323
Hempsell M.	Skylon Heat Exchanger Tested	83
Hempsell M.	Space Communications for a New Millennium	133
Hengeveld E.	From a Different Perspective: The People	90
Hengeveld E.	SKYLAB: The Forgotten Space Station	210,254
Heyman J.	Shuttle Minor Experiments	31
Heyman J.	Westpac: Australia has Another Satellite!	326
Hiscox J.	Mars Society Founding Convention	491
Hujsak E.	The Case for Ballistic Transportation	377
Kidger N.	Mir: A Tale of EVAs	327
Kidger N.	Mir: Almost Back to Business-As-Usual	111
Kidger N.	Mir: EVAs, Crew Changes and Science in Orbit	237
Kidger N.	Mir: Maintenance Work and New Supplies Overcome Computer Failures and Safety Doubts	149
Kubas D.	Happy Birthday Sputnik 1	17
Kubas D.	Tereshkova	103
Kvasnikov Y.	Do Not Trust Your Eyes	288
Lawrence B.	Astronaut Class of 1998	370
McNeill K.A.	Orbiters' New Paint Scheme	462
Millard D.	Probing the Museum Frontier	74
Moore P.	Destination Deimos	467
Moore P.	Martian Life - Why Is It So Important	247
Moore P.	News From Epsilon Eridani	355
Moore P.	RGO - RIP	353
Moore P.	Solar System: Where Does It End?	467
Moore P.	The Astronomical Artist	89
Moore P.	The Sun Awakes	423
Moore P.	Was It Really True?	115
Ninane P.	Belgium Welcomes Astronauts and Cosmonauts	393
Ninane P.	Miroslaw Hermaszewski	405
Parker P.J.	The Millennium Rock Story	392
Peebles C.	First X-38 Free Flight	196
Pickering W.H.	Explorer Satellite Programme	140
Pirard T.	Artemis: Next European Technological Satellite	332
Pirard T.	Augmentations for Air Traffic Control	22
Pirard T.	Belgium's First Satellite	191
Pirard T.	Cable & Satellite 98	300
Pirard T.	Developing Business From Space	3
Pirard T.	European Modules for the International Space Station	192
Pirard T.	Funerals in Space	205
Pirard T.	Global Space Info	459
Pirard T.	High Capacity, High Power Mega-Satellites	20
Pirard T.	Highlights of ILA 98	278
Pirard T.	Moon Launch Spaceport Opens for Business	203
Pirard T.	New in Comsats	18
Pirard T.	Small Satellite Centre	334
Pirard T.	The Evolving Astra Satellite System	295
Pirard T.	The Future of Alenia in Space	336
Pirard T.	The Private Astra System	298
Powell J.W.	AERCam Sprint	185
Powell J.W.	An External Airlock for the Shuttle	49
Powell J.W.	DELTA II Stacking Operations	474
Powell J.W.	German Re-Entry Vehicle Flies on Foton-11	208
Powell J.W.	Research Role for Minuteman Missiles	209
Powell J.W.	Russian-American Rocket Experiment	207
Powell J.W.	The New Mission Control	386
Powell J.W.	The Way It Was	54
Ruppe H.O.	"I am Grateful that History was as it Happened"	62
Salmon A.	Off-Nominal Situations	346
Salmon A.	To Boldly Grow	80
Scala K.J.	A History of Nuclear Space Accidents	136
Schoevaart R.H.	First Shuttle Mission for ESA Astronaut	52
Schoevaart R.H.	Germans in Space	342
Schuiling R.L.	STS-86: Atlantis on Seventh Mir Docking Mission	10
Schuiling R.L.	STS-87: Microgravity Research, Satellite Rescue and ISS Technology Tests	128
Schuiling R.L.	STS-89: Endeavour on First Mir Docking Mission	212
Schuiling R.L.	STS-90: Nervous System Studied in Orbit	315
Schuiling R.L.	STS-91: Discovery on Last US Mission to Mir	432
Schuiling R.L.	To The Moon	147
Seedhouse E.	Hieke Walpot	164
Seedhouse E.	Reinhold Ewald: The Fourth German on Mir	97
Shanko B.	"FIREing" Up The Planets	371
Shepherd L.R.	Kenneth W. Gatland (1924-1997)	133
Siddiqi A.A.	Cold War In Space: A Look Back at the Soviet Union	63
Siddiqi A.A.	The Decision To Go To The Moon	177, 227
Sivier D.	Free Space?	157
Slot F.P.	British Standards for Space	341
Smith M.	Facing Mars Rationally	45
Speth R.S.	Visiting Peenemünde	481
Stanley P.	Little Green Men? - or Just Amoebae?	9
Taylor R.L.S.	Mars Former Dipole Magnetic Field and Early Life Forms	44
Thompson A.R.	British Space Rockets	77
Thompson A.R.	UK-10: A New Era Starts for British Space Propulsion	338
Tucker R.C.	Space Launcher Business	388
van Beest E.R.	XMM: Europe's X-Ray Space Observatory	199
van de Haar G.	Astrotech	206
van de Haar G.	Navigation Satellite Systems	21
van Oene J.	Ariane-5 Launch: A Great Success	13
van Pelt M.	Big Future for Small Spacecraft	104
van Rooij T.	John Denver	169
van Rooij T.	Questions to Claudie André-Deshays and Léopold Eyharts	121

AUTHOR INDEX FOR 1998

Arnold H.J.P.	Comments on "A Question of Viewpoint"	222
Bauer H.F.	The First American Satellite: A Missed Success - Explorer 1	61
Blott R.	Small Satellites	70
Bolton G.R. & Riesselmann W.	Spacelab Era Ends	311
Both E.	Hungary Joins ESA PRODEX Programme	186
Both E.	Space Day in Hungary	16
Burgess C.	Antipodean Astronauts	100
Catchpole J.	"America's New Columbus"	383
Catchpole J.	Apollo VII A Mission Re-Assessed	416
Catchpole J.	Apollo VIII "A Vastness of Black and White"	484
Catchpole J.	A Question of Viewpoint	221
Catchpole J.	Eleven Years in May	173
Catchpole J.	Operation Hydra	356
Catchpole J.	Robert Baker-Byrne: The Heroic Lieutenant	483
Catchpole J.	Speak Her Name With Pride	119
Da Costa N.	Andrew M. Allen Leaves NASA	52
Da Costa N.	Britain's Forgotten Astronaut	159
Da Costa N.	John Blaha at Boscombe Down	159
Da Costa N.	"Sam" Charles Gemar	160
Day D.A.	"Falling Star"	442
Day D.A.	Mapping the Dark Side of the World	264,303
Day D.A.	NASA Loses an 'Institution'	72
Day D.A.	Secret Shuttle Mission Revealed	256
Dugdale J.	Lunar EVA on Stamps	430
Esders J.P.	History Centre of War and Rockets	58
Evans N.	Cassini Launch	39
French F.	Yuri Gagarin's Visit to Manchester	261
Furniss T.	Farnborough Air Show	439
Furniss T.	Space News Round-Up	455
Goodwin P.G.	"Between Ice and Fire"	427
Goodwin P.G.	Space Art	251
Goodwin P.G.	The Myths of Mars	372
Gualtieri P.	ACE is Off to Study the Sun	15
Gualtieri P.	Globalstar Cluster Launched	200,291
Gualtieri P.	Last Shuttle Mission of 1997	51
Gualtieri P.	Legendary Titov	14
Gualtieri P.	Mir/Progress Collision Report	15
Gualtieri P.	'...Of Mice and Men'	319
Gualtieri P.	Secret Payload Launched	200
Gualtieri P.	Seen at the Cape	407
Gualtieri P.	Space and Politics	165
Gualtieri P.	STS-89: Booster Recovery	216
Gualtieri P.	STS-89: Endeavour's Mir Mission	148
Gualtieri P.	STS-90:"...Of Mice and Men"	319
Gualtieri P.	STS-91: Final Shuttle Mission to Mir	241
Guillemette R.G.	NASA's Lewis Tumbles Following Successful LMLV Launch	201
Guillemette R.G.	USAF Commemorates 40th Anniversary of Explorer 1 Launch	230
Haeseler D.	Almaz Space Station	258
Hall R.	The BIS Soviet/CIS Symposium 1998	283
Hansson A.	From Microsystems to Nanotechnology for Space Systems	281
Harris I.	JPL: Open Day 1998	390
Hartopp-Sancho R.	ISS: Hardware on Show at the KSC's New Space Station Processing Facility	323
Hempsell M.	Skylon Heat Exchanger Tested	83
Hempsell M.	Space Communications for a New Millennium	133
Hengeveld E.	From a Different Perspective: The People	90
Hengeveld E.	SKYLAB: The Forgotten Space Station	210,254
Heyman J.	Shuttle Minor Experiments	31
Heyman J.	Westpac: Australia has Another Satellite!	326
Hiscox J.	Mars Society Founding Convention	491
Hujsak E.	The Case for Ballistic Transportation	377
Kidger N.	Mir: A Tale of EVAs	327
Kidger N.	Mir: Almost Back to Business-As-Usual	111
Kidger N.	Mir: EVAs, Crew Changes and Science in Orbit	237
Kidger N.	Mir: Maintenance Work and New Supplies Overcome Computer Failures and Safety Doubts	149
Kubas D.	Happy Birthday Sputnik 1	17
Kubas D.	Tereshkova	103
Kvasnikov Y.	Do Not Trust Your Eyes	288
Lawrence B.	Astronaut Class of 1998	370
McNeill K.A.	Orbiters' New Paint Scheme	462
Millard D.	Probing the Museum Frontier	74
Moore P.	Destination Deimos	467
Moore P.	Martian Life - Why Is It So Important	247
Moore P.	News From Epsilon Eridani	355
Moore P.	RGO - RIP	353
Moore P.	Solar System: Where Does It End?	467
Moore P.	The Astronomical Artist	89
Moore P.	The Sun Awakes	423
Moore P.	Was It Really True?	115
Ninane P.	Belgium Welcomes Astronauts and Cosmonauts	393
Ninane P.	Miroslaw Hermaszewski	405
Parker P.J.	The Millennium Rock Story	392
Peebles C.	First X-38 Free Flight	196
Pickering W.H.	Explorer Satellite Programme	140
Pirard T.	Artemis: Next European Technological Satellite	332
Pirard T.	Augmentations for Air Traffic Control	22
Pirard T.	Belgium's First Satellite	191
Pirard T.	Cable & Satellite 98	300
Pirard T.	Developing Business From Space	3
Pirard T.	European Modules for the International Space Station	192
Pirard T.	Funerals in Space	205
Pirard T.	Global Space Info	459
Pirard T.	High Capacity, High Power Mega-Satellites	20
Pirard T.	Highlights of ILA 98	278
Pirard T.	Moon Launch Spaceport Opens for Business	203
Pirard T.	New in Comsats	18
Pirard T.	Small Satellite Centre	334
Pirard T.	The Evolving Astra Satellite System	295
Pirard T.	The Future of Alenia in Space	336
Pirard T.	The Private Astra System	298
Powell J.W.	AERCam Sprint	185
Powell J.W.	An External Airlock for the Shuttle	49
Powell J.W.	DELTA II Stacking Operations	474
Powell J.W.	German Re-Entry Vehicle Flies on Foton-11	208
Powell J.W.	Research Role for Minuteman Missiles	209
Powell J.W.	Russian-American Rocket Experiment	207
Powell J.W.	The New Mission Control	386
Powell J.W.	The Way It Was	54
Ruppe H.O.	"I am Grateful that History was as it Happened"	62
Salmon A.	Off-Nominal Situations	346
Salmon A.	To Boldly Grow	80
Scala K.J.	A History of Nuclear Space Accidents	136
Schoevaart R.H.	First Shuttle Mission for ESA Astronaut	52
Schoevaart R.H.	Germans in Space	342
Schuiling R.L.	STS-86: Atlantis on Seventh Mir Docking Mission	10
Schuiling R.L.	STS-87: Microgravity Research, Satellite Rescue and ISS Technology Tests	128
Schuiling R.L.	STS-89: Endeavour on First Mir Docking Mission	212
Schuiling R.L.	STS-90: Nervous System Studied in Orbit	315
Schuiling R.L.	STS-91: Discovery on Last US Mission to Mir	432
Schuiling R.L.	To The Moon	147
Seedhouse E.	Hieke Walpot	164
Seedhouse E.	Reinhold Ewald: The Fourth German on Mir	97
Shanko B.	"FIREing" Up The Planets	371
Shepherd L.R.	Kenneth W. Gatland (1924-1997)	133
Siddiqi A.A.	Cold War In Space: A Look Back at the Soviet Union	63
Siddiqi A.A.	The Decision To Go To The Moon	177, 227
Sivier D.	Free Space?	157
Slot F.P.	British Standards for Space	341
Smith M.	Facing Mars Rationally	45
Speth R.S.	Visiting Peenemünde	481
Stanley P.	Little Green Men? - or Just Amoebae?	9
Taylor R.L.S.	Mars Former Dipole Magnetic Field and Early Life Forms	44
Thompson A.R.	British Space Rockets	77
Thompson A.R.	UK-10: A New Era Starts for British Space Propulsion	338
Tucker R.C.	Space Launcher Business	388
van Beest E.R.	XMM: Europe's X-Ray Space Observatory	199
van de Haar G.	Astrotech	206
van de Haar G.	Navigation Satellite Systems	21
van Oene J.	Ariane-5 Launch: A Great Success	13
van Pelt M.	Big Future for Small Spacecraft	104
van Rooij T.	John Denver	169
van Rooij T.	Questions to Claudie André-Deshays and Léopold Eyharts	121

Varfolomeyev T.	Soviet Rocketry that Conquered Space	28,85,181,360,477
Vembos T.	Charlie Duke	168
Vis B. & van Rooij T.	Too Short and Too Short Again	170
Vis B.	Bonnie Dunbar	161
Vis B.	Departure to Mir	166
Vis B.	Dutch Astronaut Selected by ESA	463
Vis B.	New Female Cosmonaut	53
Vis B.	Space Flight Statistics	473
Vis B.	The Journalist-In-Space Project	292
Vis B.	The NEREUS Programme	395
Vis B.	Unknown 'Crew Member' Revealed	242
Williamson M.	Protecting the Space Environment	135
Willis D.	Talking With Heroes	56
Wilson K.T.	EVA Log 1965-1997	93
Wilson K.T.	International Space Station Assembly	378
Wilson K.T.	The Shuttle's Year In Space	126

SUBJECT INDEX FOR 1998

ACE Spacecraft Launched 15
Alenia Aerospazio, Future in Space 336
  Small Satellite Centre 334
Almaz Space Station 258
Apollo 7, 30th Anniversary 416
Apollo 8 221,484
ARGON Geodetic Satellite 264,303
Ariane 5, Two UK Satellites 241
Ariane 502 Launch, A Great Success 13
  Details of Analysis 204
Ariane 503 Success 464
Arianespace Launches 314,420,455,457
Artemis Technology Satellite 332
Asteroid Research 217
Astra Satellite System 295,298
Astronauts Alan Johnston 242
  André Kuipers 463
  Andrew M. Allen 52
  Andrew Thomas 14
  Australian 100
  Bonnie Dunbar 161
  Britain's Forgotten One 159
  Charlie Duke 168
  Claudie André-Deshays 121
  From NASA Archives 90
  German Astronauts 342
  Heike Walpot 164
  John Blaha 14,159
  John Denver 169
  John Glenn 165,382,413
  Léopold Eyharts 121
  Miroslaw Hermaszewski 405
  Nadezhda Kuzhelnaya 53
  Nigel Wood 159
  Reinhold Ewald 97
  Salizhan S. Sharipov 14
  "Sam" Charles Gemar 160
  Tereshkova 103
  Wendy Lawrence 170
  Yuri Gagarin 261
Atlas III 291,408
Ballistic Transportation 377
Belgium, 14th ASE Congress 393
  First Satellite 190
  In Space 330
BIS News 2,70,72,133,281,302,366,446,490
Book Notices
  Astronautics 117,158,226,290,382
  Astronomy 34,42,116,220,245, 246,289,394,422,476
  List of 1998 Book Notices 496
Cable & Satellite 98 Exhibition Report 300
Cassini/Huygens Launch 39
  Mission 38,110
Communications Satellites 455,456
  Artemis Satellite 332
  Cable & Satellite 98 Exhibition 300
  Globalstar Launches 200,201,456
  Globalstar Production 334
  High Capacity and Power 20
  Laser Optical System 331
  New in Comsats 18
  Thor III Launched for Norway 408
CORONA Programme's "Falling Star" 444
Correspondence 23,46,105,141,153,193, 224,270,283,349,402, 447,472,488
Deep Space 1 Spacecraft 352
Deep Space 2 Spacecraft 425
Deimos 467
Delta II 474
Delta III 291
Delta IV 455
Denmark in Space 460
Discovery, Genesis Mission 250
  Programme 351
Earth Observation, Humidity Sounder 410
  Oil From Space 234
EELVs 291
ESA Priorities 345
Europa "Between Ice and Fire" 427
  Flybys 115
EVA Log 1965-1997 93
EVA Monitor, AERCam Sprint 185
Explorer 1 Launch 60,140,230
Extrasolar Planets 218,354
Farnborough 1998 Space Report 439
Florida, Astrotech Operations 206
  Spaceport 203
Galileo Extended Mission 115
  Ganymede 351
  Europa 115
Genesis Spacecraft 250
Geodetic Satellite ARGON 264,303
Gyroscopes, Star Tracker 38
HIRDLS, Atmospheric Gases 411
Houston Mission Control 386
Hubble Space Telescope
  Black Hole Effect 249
  Planetary Nebulae 89,92
Hungary, Joins ESA Programme 186
  Space Day 16
IAF, Report of 1997 Congress 2
ILA, Report of 1998 Aerospace Show 278
Imaging Technology 371
International Space Station, Crews 369
  Early Flights 378
  European Modules 192
  First Element Shipped to Launch Site 86
  Hardware on Show 323
  Pre-Launch Activities 368
  Target Dates for First Launches 314,457
IRIS Payload for Worldwide E-mail 344
ISO, Mission Ends 248
  Our Cosmic Ancestry 114
Journalist In Space 292
JPL Open Day 1998 390
Juno Launch Vehicle 54
Korean Launch 456
Laser Optical System 331
Launch Vehicle, Explorer 160
  GSLV 456
  Juno 54
  Proton 459
Lewis Spacecraft Tumbles 201
Logica, First INFEO Software System 412
  New EUMETSAT Data Processing 235
Lunar, Ice 115,146
  Mission Study 412
  Prospector Launched 86
  Prospector To the Moon 147
Mars, Artefacts 45
  Ascent Engine Tested 456
  Fact and Fiction 372
  Life 9,44,247
Mars '98 Missions 466
Mars Global Surveyor 8,43,110,148, 219,247,465
Mars Pathfinder, Mission Ends 8,148
  Mission Summarised 351
Mars Surveyor 2001 Lander 247
Martin-Baker Huygens Parachutes 38
Matra Marconi Space, DPAF Structure 235
  Skynet 4D 235
Meteorological Satellites
  Humidity Sounder 410
  METOP-1 38
  New Data Processing System 235
Microgravity Experiments 53
  Foton 11 208
  Shuttle 128
Mini-Satellites 70
Mir, September-Early November 1997 149
  November-December 1997 111
  January-February 1998 237
  March-April 1998 327
  Collision Report 15
  Lecture 'Off-Nominal Situations' 346
  Millennium Rock Story 392
  Shuttle and Soyuz Departures 166
Mission Control Houston 386
Moon, Lunar Prospector Launch 86
  Soviet Decision to Go There 177,227
Museums, La Coupole 58
  UK London Science 74
Nanotechnology Symposium Report 281
Navigation, GNSS Development 331
  Satellites 21
NEAR Spacecraft 351
NEREUS Programme 395
Obituaries, Alan B. Shepard 345
  Edward Augustus Quarterman 302
  Kenneth W. Gatland 133
  Nelson John Lilly 446
  Paul Doherty 89
  Richard John Fisher 446
  Robert F. Freitag 302
Oceanographers in Space 395
Peenemünde 356,481
RKK Energia 461
Rocket Experiment Russian-American 297
Royal Greenwich Observatory 234,353
Rutherford Appleton Laboratory 468
  ACE Spacecraft 236
Satellite Digest 35,107,143,187,231, 276,320,364,451,492
Sea Launch 457
Shuttle, 1997 Missions 126
  Atlantis Maintenance 15
  Challenger Anniversary Tribute 119
  External Airlock 49
  Microgravity Experiments 128
  Minor Experiments 31
  Secret Mission Revealed STS-51J 256
SILEX Intersatellite Data Relay Link 331
Sira Electro-optical Star Tracker 38
  Smallest Imaging Spectrometer 236
Skylab, 25th Anniversary 173,210,254
Skylon Spaceplane 83,234
Skynet 4D Launched 235
Skynet 5 Bid 455
Small Spacecraft 70,104,334
SOHO 471
Solar System 467
Soviet, Cold War in Space 63
  Decision to Go to the Moon 177,227
  First Planetary Probes 1960-1964 85
  First Reconnaissance Satellites 360
  Four-Stage Launchers 1958-1960 28
  Four-Stage Launchers 1964-1972 181
  Missiles for European Satellites 459
  Soviet/CIS Symposium Report 283
  Three-Stage Launcher 477
Space Art 251
Space, British Standards 341
  Communications 133

Environment 135
Environmental Data Collection 345
Funerals 205
Journalist 292
Nuclear Accidents 136
Oceanographers 395
Propulsion 377
Social Implications of Colonisation 157
Space Launch Vehicles
Commercial Development 388
Minuteman Use 209
Space Stamps, Featuring Lunar EVAs 430
With Erroneous Space Information 288
Spacelab Era Ends 311
Spaceports 203,456
Sputnik 1, 40th Anniversary 16,17
SSTL, Chinese Space Market 454
Lunar Mission Study 412
Queen's Award 234
UoSAT-12 for ICBM Launch 412
STS-51J 256
STS-71 473
STS-83 242
STS-86 10,14
STS-87 51,128
STS-89 53,148,212
STS-90 200,315,319
STS-91 110,241,314,407,432
STS-92 457
STS-95 413,462
Sun, Control on Climate 411,423
Total Solar Eclipse 411,423
Taurus Launched 456
Titan 4B with Secret Payload 408
UK, Biological Shuttle Experiment 80
Contributions to ESA 244
Leicester Planetarium for Year 2001 410
London Science Museum 74
Propulsion 83,338
Satellites for Launch by Ariane 5 241
Solar Mission with Japan for 2004 248
Space News 38,234,410
Space Rockets 77
UK-10 Ion Thruster 338
US Astronaut Hall of Fame 56
Vandenberg Space Launch Complex 6 202
VEGA Group ESA Contracts 235
"Vegetation" Remote Sensing 461
Very Large Telescope (VLT) 424
X-33 377,455
X-38 Free Flight 196
X-Ray Astrophysics Facility (AXAF) 457
X-Ray Multi Mirror Satellite (XMM) 199

BOOK NOTICE INDEX FOR 1998

Ashman K.M. & Zepf S.E. — Globular Cluster Systems 476
Bondi H. & Weston-Smith M. Eds — The Universe Unfolding 220
Bougher S.W., *et al* Eds — Venus II: Geology, Geophysics, Atmosphere and Solar Wind Environment 394
Chaisson E.J. — The Hubble Wars 289
Cherchneff L. & Millar T.J. Eds — Dust and Molecules in Evolved Stars 422
Ciancone M.L. — The Literary Legacy of the Space Age: An Annotated Bibliogrpahy of pre-1958 Books on Rocketry and Space Travel 290
Davies J.K. — Astronomy from Space: The Design and Operation of Orbiting Observatories 116
Day D.A., *et al* — Eye in the Sky: The Story of the Corona Spy Satellties 290
Deubner F.L. *et al* — New Eyes to See Inside the Sun and Stars 476
Docobo J.A., *et al* Eds — Visual Double Stars: Formation, Dynamics and Evolutionary Tracks 245
Dvorak R. & Henrard J. — The Dynamical Behaviour of Our Planetary System 116
Eiroa C., *et al* Eds — Infrared Space Interferometry: Astrophysics and the Study of Earth-like Planets 116
Escoubet C.P., *et al* — The Cluster and Phoenix Missions 34
Fleck B. & Svestka Z. Eds — The First Results from SOHO 422
Glaser P.E. — Solar Power Satellites: A Space Energy System for Earth 158
Habing H.J. & Lamers H.J.G.L.M. — Planetary Nebulae 422
Harland D.M. — The Mir Space Station: A Precursor to Space Colonization 117
Harvey B. — The Chinese Space Programme: From Conception to Future Capabilities 290
Haskell G. & Rycroft M. Eds — Space of Service to Humanity Preserving Earth and Improving Life 117
Hawley J.F. & Holcomb K.A. — Foundations of Modern Cosmology 246
Herring M.R. — Way Station to Space: A History of the John C. Stennis Space Center 226
Hirshfeld A. & Sinnott R.W. Eds — Sky Catalogue 2000.0 Vol 2: Double Stars, Variable Stars and Nonstellar Objects 246
Isern, J., *et al* — White Dwarfs 42
Johnson-Freese J. & Handberg R. — Space The Dormant Frontier: Changing the Paradigm for the 21st Century 158
Jokipii J.R., *et al* — Cosmic Winds and the Heliosphere 220
Kitchen C.R. — Astrophysical Techniques (3rd Edition) 246
Lang K.R. — Sun, Earth and Sky 245
Logsdon T. — Orbital Mechanics Theory and Applications 422
Lyne A.G. & Graham-Smith F. — Pulsar Astronomy (2nd Edition) 394
McCurdy H.E. — Space and the American Imagination 158
McDougall W.A. — The Heavens and the Earth: A Political History of the Space Age 158
Martinez P. & Klotz A. — A Practical Guide to CCD Astronomy 246
Maunder M. & Moore P. — The Sun in Eclipse 246
Minnitti D. & Rix H.W. — Spiral Galaxies in the Near-IR 42
Montenbruck O. & Pfleger T. — Astronomy on the Personal Computer 289
Mouradian Z. & Stavinschi Z. Eds — Theoretical and Observational Problems Related to Solar Eclipses 34
Munch G., *et al* Eds — The Universe at Large: Key Issues in Astronomy and Cosmology 245
Pap J.M., *et al* — Solar Electromagnetic Radiation Study for Solar Cycle 22 476
Paresce F. Ed — Science with the VLT Interferometer 220
Parker B. — Alien Life: The Search for Extraterrestrials and Beyond 245
Peebles C. — The Corona Project: America's First Spy Satellites 158
Pickover C.A. — Black Holes: A Traveller's Guide 422
Pijpers F.P., *et al* Eds — SCORe '96: Solar Convection and Oscillations and Their Relationship 394
Rajan M.S. — India in Orbit 382
Rajan M.S. — Space Today 382
Sarsfield L. — The Cosmos on a Shoestring: Small Spacecraft for Space and Earth Science 382
Schmitt B., *et al* Eds — Solar System Ices 246
Sevig Press — 1998 European Space Directory (13th Edn) 290
Shneydor N.A. — Missile Guidance and Pursuit: Kinematics, Dynamics and Control 290
Shostak S. — Sharing the Universe: Perspectives on Extraterrestrial Life 394
Spires N. — Beyond Horizons: A Half Century of Air Force Space Leadership 226
Spudis P.D. — The Once and Future Moon 290
Stern A. & Mitton J. — Pluto and Charon: Ice Worlds on the Ragged Edge of the Solar System 289
Stine G.H. — Living in Space: A Handbook for Work and Exploration Stations Beyond the Earth's Atmosphere 226
Suvoprov V. & Sabelnikov A. — The First Manned Spaceflight: Russia's Quest for Space 117
Stern S.A. & Tholen D.J. Eds — Pluto and Charon 245
Szebehely V.G. & Mark H. — Adventures in Celestial Mechanics (2nd Edition) 226
Taylor S.R. — Destiny or Chance: Our Solar System and its Place in the Cosmos 476
Terzian Y. & Bilson E. Eds — Carl Sagan's Universe 220
Thurston H. — Early Astronomy 42
Tiros Space Information — Space Tables 1957-1997 226
Upgren A. — Night Has a Thousand Eyes: A Naked-Eye Guide to the Sky, Its Science and Lore 394
van der Hulst J.M. — The Interstellar Medium in Galaxies 245
van Dishoeck E.F. Ed — Molecules in Astrophysics: Probes and Processes 220
Whittet D.C.B. Ed — Planetary and Interstellar Processes Relevant to the Origins of Life 34
Willey R.R. — The Tucson Meteorites: Their History from Frontier Arizona to the Smithsonian 116
Wytrzyszczak I.M., *et al* Eds — Dynamics and Astrometry of Natural and Artificial Celestial Bodies 116

COMPUTER SOFTWARE

D.K. Multimedia — Redshift 3 289
Maris Multimedia — Solar System Explorer 34
Metatools Inc — Life In The Universe 289